

66128871

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by Toromont Process Systems, 10121 Barlow Trail NE, Calgary, Alberta, Canada, T3J 3C6 (A) 55043

Manufactured for Stock (Name and address of purchaser)

3. Location of installation Stock (Name and address)

4. Type Vertical 12191402 T7118.213 DET-120-03-CS-001 R0 - 2006 (Horiz. or vert., tank) (Mfg'r's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 2004 to 2005 (Year)

6. Shell: SA106B, SA105N, SA234WPB .375"/.500" 0.0625" 0'-11.25"/0'-11" 38'-1.79" (Addenda (Date) Code Case Nos. Special Service per UG-120(d) Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Type S - 1.0 - - Type 1 Spot .70 14 (Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Eff. (%), or Full) No. of Courses

8. Heads: (a) Mat'l. SA-234-WPB (b) Mat'l. SA-234-WPB (Spec. No., Grade) (Spec. No., Grade)

Table with 10 columns: Location (Top, Bottom, Ends), Minimum Thickness, Corrosion Allowance, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex Angle, Hemispherical Radius, Flat Diameter, Side to Pressure (Convex or Concave). Rows (a) Top and (b) Bottom.

If removable, bolts used (describe other fastenings) SA 193 Gr B7 1 1/8" dia Qty 16 (Mat'l. Spec. No., Gr., Size, No.)

9. MAWP 350 - psi at max. temp. 400 - °F. (internal) (external) (internal) (external) Min. design metal temp. -20 °F at 350 Psi. Hydro., pneu., or comb. test pressure 455 psi.

10. Nozzles, inspection and safety valve openings: Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Diam. or Size, Type, Mat'l., Nom. Thk., Reinforcement Mat'l., How Attached, Location.

11. Supports: Skirt Yes Lugs 2 Legs - Other - Attached Shell & Welded (Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: -

Item : V-103 Vessel Type : De-Ethanizer Column Construction Drawing : 12191-402 Rev1B Volume : 15.89 Cubic feet Impact Testing ; No, per UG-20 (f) (Name of part, item number, Mfg'r's. name and identifying stamp)

CERTIFICATE OF SHOP/FIELD COMPLIANCE and CERTIFICATE OF SHOP/FIELD INSPECTION. Includes text: We certify that the statements made in this report are correct... Signed [Signature] (Representative) Vessel constructed by Toromont Process Systems at Calgary, Alberta, Canada I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Alberta and employed by ABSA have inspected the component described in this Manufacturer's Data Report on 8/10/07 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. Signed [Signature] (Authorized Inspector) Commissions [Signature] (Nat'l Board (incl. endorsements), State, Prov. and No.)

① 556043

U

W
RT2

350

400

-20

350

12191402

2006

V103

T 7118 . 213



VESSEL (A): 0556043
 DATE OF INSPECTION: 2007 Jan 08



Certificate of Inspection Permit

TOROMONT PROCESS SYSTEMS
 DIV TOROMONT INDUSTRIES LTD
 10121 BARLOW TRAIL NE
 CALGARY, AB
 T3J 3C6

PREFERRED RE-INSPECTION INTERVAL: 1.00 Yr
 YEAR BUILT: 2006
 CRN: T7118.2
 SERIAL #: 12191402
 VOLUME: 0.45 M3

COMPANY CODE: V-103
 DESCRIPTION: DE-ETHANIZER COLUMN
 LOCATION: STOCK, CALGARY
 MANUFACTURER: TOROMONT PROCESS SYSTEMS

HEATING SURFACE
 SURFACE AREA

Safety Valves

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
VESSEL	2413 KPA	204 C	-29 C	SV1			TO BE INSTALLED

OWNER INSTRUCTIONS/REMARKS:

Contact the ABSA Safety Codes Officer before placing the vessel/boiler in service.

Vessel/Boiler to be installed in accordance with the Safety Codes Act and Regulations.

Verify that vessel/boiler is protected by an acceptable ASME Code pressure relief device, of adequate capacity, set at no more than maximum pressure authorized and installed in accordance with the Safety Codes Act & Regulations.

Safety Codes Officer: SIMPSON, NORMIN

Signature: *N. Simpson*

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

Owner or person in charge shall report all accidents involving Pressure Equipment to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.